

Lab Safety

Science Student Safety

All students should be able to work in safe laboratories. Permission to work in the science laboratory is a privilege. All students are financially responsible for lost or damaged equipment due to negligent or irresponsible behavior or failure to follow directions

1. Always obtain your teacher's permission to begin a lab.
2. Study the procedure before you start the lab.
3. Use safety equipment when provided.
4. Behave responsibly in the lab. No horseplay, jokes or misuse of equipment and materials.
5. Never eat or drink in the lab. Never inhale chemicals. Do not taste any substance.
6. If you spill any chemical, immediately report the spill to your teacher. Follow teacher directions and to immediately clean up spill safely.
7. Know the location and proper use of the fire extinguisher, safety shower, fire blanket fire alarm and first aid kit. Record the location below.

Goggles _____

Fire Extinguisher _____

Fire Blanket _____

First Aid Kit _____

Broken Glass Container _____

MSDS Sheets _____

8. Keep all materials away from open flames and hot plates. Tie back long hair and loose clothing.
9. If a fire should break out in the lab, or your clothing catches fire, smother with a fire blanket or use the safety shower. NEVER RUN.
10. Report any accident or injury, no matter how small, to your teacher. All broken glass must be disposed of in the Broken glass container.
11. You must clean up your work area before you leave the lab. Return materials to their places, dispose of materials properly and clean your work area.

Have a safe year in the lab!

STUDY QUESTION: Why is it important to follow lab safety rules?

Safety in the Laboratory

1. Always obtain your teacher's permission to begin a lab.
2. Study the procedure. If you have questions, ask your teacher. Be sure you understand all safety symbols shown.
3. Use the safety equipment provided for you. Goggles and a laboratory apron should be worn when any lab calls for using chemicals.
4. When you are heating a test tube, always slant it so the mouth points away from you and others.
5. Never eat or drink in the lab. Never inhale chemicals. Do not taste any substance or draw any material into your mouth.
6. If you spill any chemical, immediately wash it off with water. Report the spill immediately to your teacher.
7. Know the location and proper use of the fire extinguisher, safety shower, fire blanket, first aid kit, and fire alarm.

8. Keep all materials away from open flames. Tie back long hair and loose clothing.
9. If a fire should break out in the lab, or if your clothing should catch fire, smother it with the fire blanket or a coat, or get under a safety shower. **NEVER RUN.**
10. Report any accident or injury, no matter how small, to your teacher.

Follow these procedures as you clean up your work area.

1. Turn off the water and gas. Disconnect electrical devices.
2. Return materials to their places.
3. Dispose of chemicals and other materials as directed by your teacher. Place broken glass and solid substances in the proper containers. Never discard materials in the sink.
4. Clean your work area.
5. Wash your hands thoroughly after working in the laboratory.

First Aid in the Laboratory

Injury	Safe response
Burns	Apply cold water. Call your teacher immediately.
Cuts and bruises	Stop any bleeding by applying direct pressure. Cover cuts with a clean dressing. Apply cold compresses to bruises. Call your teacher immediately.
Fainting	Leave the person lying down. Loosen any tight clothing and keep crowds away. Call your teacher immediately.
Foreign matter in eye	Flush with plenty of water. Use an eyewash bottle or fountain.
Poisoning	Note the suspected poisoning agent and call your teacher immediately.
Any spills on skin	Flush with large amounts of water or use safety shower. Call your teacher immediately.

Safety Contract

I, _____, have read and understand the safety rules and first aid information listed above. I recognize my responsibility and pledge to observe all safety rules in the science classroom at all times.

signature _____

date _____